

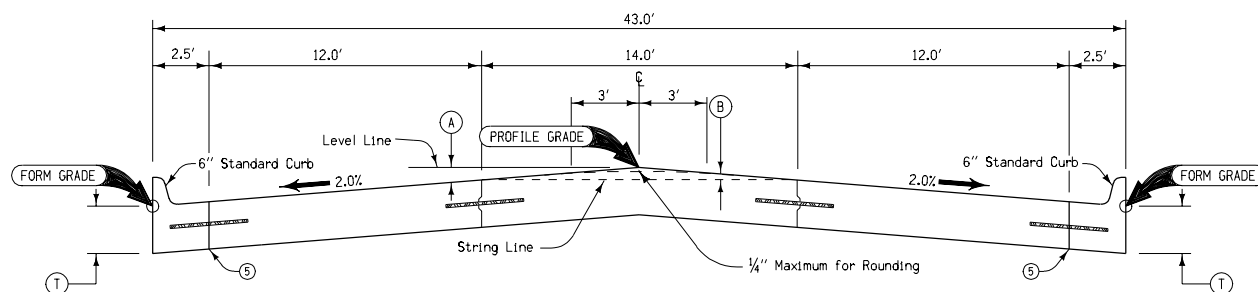
TYPICAL PAVEMENT PLAN

OFFSETS FOR 14' CENTER SECTION OF PAVEMENT

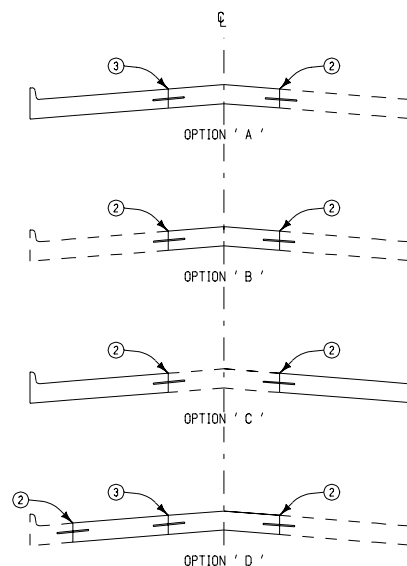
Distance From C	7'	6'	5'	4'	3'	2'	1'	0	1'	2'	3'	4'	5'	6'	7'
(A) Inches	1 1/8	1 1/8	1 1/8	1 1/8	5/8	3/8	1/8	—	1/8	3/8	5/8	1 1/8	1 1/8	1 1/8	1 1/8
Feet	.130	.110	.090	.070	.050	.030	.010	—	.010	.030	.050	.070	.090	.110	.130
(B) Inches	—	1/8	3/8	5/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	5/8	3/8	1/8	—	—
Feet	—	.010	.030	.050	.070	.090	.110	.130	.110	.090	.070	.050	.030	.010	—

PER STATION DESIGN VALUES FOR (43' B-B) PAVEMENT SECTION (4)

ITEM	UNIT	T=6"	T=7"	T=8"	T=9"	T=10"
Section Area	Sq. Ft.	22,000	25,583	29,167	32,750	36,333
Concrete Volume	Cu. Yds.	81.48	94.75	108.02	121.30	134.57
Surface Area	Sq. Yds.	477.778	477.778	477.778	477.778	477.778



TYPICAL CROSS SECTION



PAVING OPTIONS

Unless specified otherwise in the detail project plans it is the contractor's option to construct 43' PCC pavement in one of the following options:

Option 'A' Pour center 14' lane with one 14.5' outside lane with integral curb then pour remaining 14.5' outside lane with integral curb.

Option 'B' Pour center 14' lane then pour 14.5' outside lanes with integral curbs.

Option 'C' Pour both 14.5' outside lanes with integral curbs then pour center 14' lane.

Option 'D' Pour center 14' lane with one 12' lane then pour remaining 2.5' gutter section and 14.5' outside lane with integral curb.

GENERAL NOTES:

Details indicated on this plan are intended to illustrate the general requirements for Three-lane P.C. Concrete Pavements 43' in width. The center lane is a continuous two-way left-turn lane.

Refer to Standard Road Plans RH-50, RH-51 and RH-52 for details of construction of joints in pavement. End of day's work joint and joint at bridge approach section shall be constructed perpendicular to center line. Transverse Joints will be 'CD' except when 'C' joints are specifically required as a part of detail project plans or when T is less than 8".

Normal crown shall be a straight line sloped from the profile grade for the distance and rate indicated. This crown may be varied through superelevated curves and intersection areas where special shaping is required or other areas specifically authorized by the Engineer.

The price bid for "Standard or Slip-Form PCC Pavement" class and thickness as specified, including all required joints, shall be considered full compensation for the construction of pavement as detailed hereon.

- ① Transverse joint spacing 20' (normal) for 'CD' joint (no dowels in outside 2.5' of pavement). 15' (normal) for 'C' joint.
- ② 'BT-1' Joint if pavement thickness is less than 8". 'KT-2' Joint, if pavement thickness is 8" or greater.
- ③ 'L-1' Joint if pavement thickness is less than 8". 'L-2' Joint, if pavement thickness is 8" or greater.
- ④ Quantities include 6" curb.
- ⑤ Optional joint. 'BT-1' Joint if pavement thickness is less than 8". 'KT-2' Joint, if pavement thickness is 8" or greater.

STANDARD ROAD PLAN RH-45D	
REVISION: NEW	REVISION NO. NEW
APPROVED BY: <i>William J. Allen</i> DESIGN/METHODS ENGINEER	REVISION DATE 10-02-01
THREE LANE 43' WIDE P.C. CONCRETE PAVEMENT (WITH 6" STANDARD CURB)	